

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.6  
 %OM: 4.7  
 PREV.CROP: GLXMA - SOYBEAN  
 %RESIDUE: 0  
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	10	11	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/23/03	05/13/03	06/02/03	AME
AIR TEMPERATURE	64	65	67	F
% REL.HUMIDITY	30	35	40	
WIND DIRECTION	NORTH	NORTH	SOUTHEAST	
WIND SPEED	3.0	5.0	7.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLOUDY	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
DEN/ STG/ MINMAXSZ				
*** CROP ***				
CORN, DENT		---/11	---/14	
PIONEER 33Y09		3.00/3.00	12.0/12.0	IN
04/23/2003				
*** PEST ***				
VELVETLEAF		---/10	---/14	
		0.50/0.50	2.00/4.00	IN
LAMBSQUARTERS, C		---/12	---/19	
		0.50/0.50	2.00/6.00	IN
MORNINGGLORY, TA		---/10	---/14	
		0.50/0.50	1.00/3.00	IN
SMARTWEED, PENNS			---/19	
			2.00/6.00	IN
FOXTAIL, GIANT		---/11	---/13	
		1.00/1.00	2.00/6.00	IN

\* TIMING CODES

09 = ----- / PREEMERGENCE  
 10 = ----- / VEPOST  
 11 = ----- / EPOST

\* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED  
 11 = FIRST LEAF UNFOLDED  
 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 13 = 3 LEAVES UNFOLDED  
 14 = 4 LEAVES UNFOLDED  
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** Sequential weed control systems in conventional corn AS-200  
**CREATED:** 04/08/2003 **REVISED:** 11/05/2003 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Urbana **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	CHEAL	ABUTH	PHBPU	POLPY
		RATE	UNIT		CON % 05/19/03	CON % 05/19/03	CON % 05/19/03	CON % 05/19/03	CON % 05/19/03	CON % 05/19/03
1A	DUAL II MAGNUM	1.59	LAA	9	0	99	85	0	0	0
2A	DUAL II MAGNUM	1.59	LAA	9	0	99	83	0	0	0
	B>CALLISTO 4SC	0.094	LAA	11						
	C>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
3A	DUAL II MAGNUM	1.59	LAA	9	0	99	83	0	0	0
	B>CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	0.25	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
4A	DUAL II MAGNUM	1.59	LAA	9	0	99	85	0	0	0
	B>CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
5A	DUAL II MAGNUM	1.59	LAA	9	0	99	85	0	0	0
	B>CALLISTO 4SC	0.094	LAA	11						
	C BUCTRIL 2EC	0.047	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
6A	DUAL II MAGNUM	1.59	LAA	9	0	99	78	0	0	0
	B>CALLISTO 4SC	0.094	LAA	11						
	C BUCTRIL 2EC	0.094	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
7A	CHECK	0.00	NA	0	0	0	0	0	0	0
8A	DUAL II MAGNUM	1.59	LAA	9	0	99	82	0	0	0
	B>CALLISTO 4SC	0.094	LAA	11						
	C SENCOR 75WG	0.141	LAA	11						
	D>ACTIVATOR 90	0.25	PMV	11						
	E 28% UAN	2.50	PMV	11						
9A	DUAL II MAGNUM	1.59	LAA	9	0	99	83	0	0	0
	B>CALLISTO 4SC	0.094	LAA	11						
	C BASAGRAN 4SL	0.125	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
10A	DUAL II MAGNUM	1.59	LAA	9	0	99	83	0	0	0
	B>CALLISTO 4SC	0.094	LAA	11						
	C BASAGRAN 4SL	0.25	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
11A	DUAL II MAGNUM	1.59	LAA	9	0	99	83	0	0	0
	B>SPIRIT 57WG	0.036	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
12A	ACCENT 75WG	0.031	LAA	11	0	0	0	0	0	0
	B>NORTHSTAR 47.4	0.148	LAA	11						
	C>ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
13A	CINCH 7.64L	0.96	LAA	9	0	97	3	0	0	0
	B>STEADFAST 75DF	0.035	LAA	11						
	C>CALLISTO 4SC	0.047	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						

## TITLE: Sequential weed control systems in conventional corn AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	CHEAL	ABUTH	PHBPU	POLPY
		RATE	UNIT	TM	CON % 05/19/03	CON % 05/19/03	CON % 05/19/03	CON % 05/19/03	CON % 05/19/03	CON % 05/19/03
14A	CINCH 7.64L	0.96	LAA	9	0	96	7	0	0	0
	B>STEADFAST 75DF	0.035	LAA	11						
	C>CALLISTO 4SC	0.047	LAA	11						
	D ATRAZINE DF	0.50	LAA	11						
	E>COC	1.00	PMV	11						
	F 28% UAN	2.50	PMV	11						
15A	OUTLOOK 6EC	0.98	LAA	9	0	99	27	10	13	0
	B>DISTINCT 70WG	0.175	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D>ACTIVATOR 90	0.25	PMV	11						
	E 28% UAN	2.50	PMV	11						
16A	OUTLOOK 6EC	0.98	LAA	9	0	99	99	99	93	98
	B MARKSMAN SC	1.40	LAA	10						
	C>LIQUID AMS	3.67	PMV	10						
17A	DEGREE 3.8SC	1.97	LAA	9	0	96	83	10	3	96
	B>YUKON 67.5WG	0.169	LAA	11						
	C>ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
18A	HARNESS (7EC)	1.97	LAA	9	0	99	99	13	10	96
	B>YUKON 67.5WG	0.169	LAA	11						
	C>ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
19A	DEFINE 60DF	0.375	LAA	9	0	94	20	7	7	0
	B>OPTION 35WDG	0.033	LAA	11						
	C>DISTINCT 70WG	0.088	LAA	11						
	D>MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
20A	DEFINE 60DF	0.68	LAA	9	0	98	20	20	17	0
	B BUCTRIL+ATRA	0.75	LAA	11						
	C>COC	1.00	PMV	11						
21A	BALANCE PRO 4S	0.07	LAA	9	0	78	98	99	17	96
	B>EQUIP 62WG	0.058	LAA	11						
	C>MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
22A	ATRAZINE DF	1.50	LAA	9	0	63	99	86	78	99
	B>OPTION 35WDG	0.033	LAA	11						
	C>DISTINCT 70WG	0.175	LAA	11						
	D>MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
23A	KIH-485 3.57L	0.19	LAA	9	0	99	93	98	91	33
	B>HORNET 68.5WG	0.128	LAA	11						
	C>ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
24A	KIH-485 3.57L	0.19	LAA	9	0	94	96	99	91	13
	B>OPTION 35WDG	0.016	LAA	11						
	C>DISTINCT 70WG	0.13	LAA	11						
	D>MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
	LSD (0.05)				0.00	8.88	8.09	10.58	9.15	4.56
	STANDARD DEVIATION				0.00	4.44	4.00	5.29	4.57	2.28

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**LOCATION:** Urbana **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	CHEAL	ABUTH	PHBPU	POLPY
		RATE	UNIT		CON % 06/12/03	CON % 06/12/03	CON % 06/12/03	CON % 06/12/03	CON % 06/12/03	CON % 06/12/03
1A	DUAL II MAGNUM	1.59	LAA	9	0	99	27	17	17	17
2A	DUAL II MAGNUM	1.59	LAA	9	0	98	84	99	77	98
	B>CALLISTO 4SC	0.094	LAA	11						
	C>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
3A	DUAL II MAGNUM	1.59	LAA	9	0	94	99	99	91	99
	B>CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	0.25	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
4A	DUAL II MAGNUM	1.59	LAA	9	0	97	99	99	98	99
	B>CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
5A	DUAL II MAGNUM	1.59	LAA	9	0	96	99	99	85	99
	B>CALLISTO 4SC	0.094	LAA	11						
	C BUCTRIL 2EC	0.047	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
6A	DUAL II MAGNUM	1.59	LAA	9	3	98	99	99	93	99
	B>CALLISTO 4SC	0.094	LAA	11						
	C BUCTRIL 2EC	0.094	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
7A	CHECK	0.00	NA	0	0	0	0	0	0	0
8A	DUAL II MAGNUM	1.59	LAA	9	5	98	98	99	82	98
	B>CALLISTO 4SC	0.094	LAA	11						
	C SENCOR 75WG	0.141	LAA	11						
	D>ACTIVATOR 90	0.25	PMV	11						
	E 28% UAN	2.50	PMV	11						
9A	DUAL II MAGNUM	1.59	LAA	9	3	98	99	99	83	99
	B>CALLISTO 4SC	0.094	LAA	11						
	C BASAGRAN 4SL	0.125	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
10A	DUAL II MAGNUM	1.59	LAA	9	0	97	99	99	86	99
	B>CALLISTO 4SC	0.094	LAA	11						
	C BASAGRAN 4SL	0.25	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
11A	DUAL II MAGNUM	1.59	LAA	9	0	99	86	90	85	98
	B>SPIRIT 57WG	0.036	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
12A	ACCENT 75WG	0.031	LAA	11	0	47	73	99	78	87
	B>NORTHSTAR 47.4	0.148	LAA	11						
	C>ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
13A	CINCH 7.64L	0.96	LAA	9	0	97	72	99	70	45
	B>STEADFAST 75DF	0.035	LAA	11						
	C>CALLISTO 4SC	0.047	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						

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TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	CHEAL	ABUTH	PHBPU	POLPY
		RATE	UNIT	TM	CON % 06/12/03	CON % 06/12/03	CON % 06/12/03	CON % 06/12/03	CON % 06/12/03	CON % 06/12/03
14A	CINCH 7.64L	0.96	LAA	9	0	98	91	99	86	75
	B>STEADFAST 75DF	0.035	LAA	11						
	C>CALLISTO 4SC	0.047	LAA	11						
	D ATRAZINE DF	0.50	LAA	11						
	E>COC	1.00	PMV	11						
	F 28% UAN	2.50	PMV	11						
15A	OUTLOOK 6EC	0.98	LAA	9	0	99	98	98	96	98
	B>DISTINCT 70WG	0.175	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D>ACTIVATOR 90	0.25	PMV	11						
	E 28% UAN	2.50	PMV	11						
16A	OUTLOOK 6EC	0.98	LAA	9	0	98	99	99	93	99
	B MARKSMAN SC	1.40	LAA	10						
	C>LIQUID AMS	3.67	PMV	10						
17A	DEGREE 3.8SC	1.97	LAA	9	0	94	82	99	78	93
	B>YUKON 67.5WG	0.169	LAA	11						
	C>ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
18A	HARNESS (7EC)	1.97	LAA	9	0	99	99	99	63	99
	B>YUKON 67.5WG	0.169	LAA	11						
	C>ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
19A	DEFINE 60DF	0.375	LAA	9	0	99	85	96	83	87
	B>OPTION 35WDG	0.033	LAA	11						
	C>DISTINCT 70WG	0.088	LAA	11						
	D>MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
20A	DEFINE 60DF	0.68	LAA	9	11	97	99	99	85	96
	B BUCTRIL+ATRA	0.75	LAA	11						
	C>COC	1.00	PMV	11						
21A	BALANCE PRO 4S	0.07	LAA	9	0	94	99	99	77	96
	B>EQUIP 62WG	0.058	LAA	11						
	C>MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
22A	ATRAZINE DF	1.50	LAA	9	0	97	99	99	94	99
	B>OPTION 35WDG	0.033	LAA	11						
	C>DISTINCT 70WG	0.175	LAA	11						
	D>MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
23A	KIH-485 3.57L	0.19	LAA	9	0	98	85	99	91	85
	B>HORNET 68.5WG	0.128	LAA	11						
	C>ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
24A	KIH-485 3.57L	0.19	LAA	9	0	99	98	99	95	93
	B>OPTION 35WDG	0.016	LAA	11						
	C>DISTINCT 70WG	0.13	LAA	11						
	D>MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
	STANDARD DEVIATION				1.83	5.40	8.00	3.76	6.65	5.90
					0.914	2.70	4.00	1.88	3.33	2.95

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**CREATED:** 04/08/2003 **REVISED:** 11/05/2003 **COMPLETED:** N  
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**LOCATION:** Urbana **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	CHEAL	ABUTH	PHBPU	POLPY
		RATE	UNIT		CON % 07/03/03	CON % 07/03/03	CON % 07/03/03	CON % 07/03/03	CON % 07/03/03	CON % 07/03/03
1A	DUAL II MAGNUM	1.59	LAA	9	0	99	42	0	0	0
2A	DUAL II MAGNUM	1.59	LAA	9	0	86	99	99	67	89
	B>CALLISTO 4SC	0.094	LAA	11						
	C>COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
3A	DUAL II MAGNUM	1.59	LAA	9	0	87	99	99	86	99
	B>CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	0.25	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
4A	DUAL II MAGNUM	1.59	LAA	9	0	94	99	99	94	99
	B>CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
5A	DUAL II MAGNUM	1.59	LAA	9	0	95	98	99	87	99
	B>CALLISTO 4SC	0.094	LAA	11						
	C BUCTRIL 2EC	0.047	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
6A	DUAL II MAGNUM	1.59	LAA	9	0	95	99	99	91	99
	B>CALLISTO 4SC	0.094	LAA	11						
	C BUCTRIL 2EC	0.094	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
7A	CHECK	0.00	NA	0	0	0	0	0	0	0
8A	DUAL II MAGNUM	1.59	LAA	9	0	96	99	98	79	99
	B>CALLISTO 4SC	0.094	LAA	11						
	C SENCOR 75WG	0.141	LAA	11						
	D>ACTIVATOR 90	0.25	PMV	11						
	E 28% UAN	2.50	PMV	11						
9A	DUAL II MAGNUM	1.59	LAA	9	0	92	99	99	83	99
	B>CALLISTO 4SC	0.094	LAA	11						
	C BASAGRAN 4SL	0.125	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
10A	DUAL II MAGNUM	1.59	LAA	9	0	88	99	99	78	99
	B>CALLISTO 4SC	0.094	LAA	11						
	C BASAGRAN 4SL	0.25	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
11A	DUAL II MAGNUM	1.59	LAA	9	0	91	90	96	83	99
	B>SPIRIT 57WG	0.036	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
12A	ACCENT 75WG	0.031	LAA	11	7	43	99	99	85	99
	B>NORTHSTAR 47.4	0.148	LAA	11						
	C>ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
13A	CINCH 7.64L	0.96	LAA	9	0	97	68	99	62	62
	B>STEADFAST 75DF	0.035	LAA	11						
	C>CALLISTO 4SC	0.047	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						

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TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	CHEAL	ABUTH	PHBPU	POLPY
		RATE	UNIT	TM	CON % 07/03/03	CON % 07/03/03	CON % 07/03/03	CON % 07/03/03	CON % 07/03/03	CON % 07/03/03
14A	CINCH 7.64L	0.96	LAA	9	0	95	99	99	72	93
	B>STEADFAST 75DF	0.035	LAA	11						
	C>CALLISTO 4SC	0.047	LAA	11						
	D ATRAZINE DF	0.50	LAA	11						
	E>COC	1.00	PMV	11						
	F 28% UAN	2.50	PMV	11						
15A	OUTLOOK 6EC	0.98	LAA	9	0	98	99	99	96	99
	B>DISTINCT 70WG	0.175	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D>ACTIVATOR 90	0.25	PMV	11						
	E 28% UAN	2.50	PMV	11						
16A	OUTLOOK 6EC	0.98	LAA	9	0	97	99	99	90	88
	B MARKSMAN SC	1.40	LAA	10						
	C>LIQUID AMS	3.67	PMV	10						
17A	DEGREE 3.8SC	1.97	LAA	9	0	78	94	98	87	93
	B>YUKON 67.5WG	0.169	LAA	11						
	C>ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
18A	HARNESS (7EC)	1.97	LAA	9	0	97	99	99	70	99
	B>YUKON 67.5WG	0.169	LAA	11						
	C>ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
19A	DEFINE 60DF	0.375	LAA	9	0	96	99	93	82	99
	B>OPTION 35WDG	0.033	LAA	11						
	C>DISTINCT 70WG	0.088	LAA	11						
	D>MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
20A	DEFINE 60DF	0.68	LAA	9	0	95	99	99	80	99
	B BUCTRIL+ATRA	0.75	LAA	11						
	C>COC	1.00	PMV	11						
21A	BALANCE PRO 4S	0.07	LAA	9	0	77	99	99	75	99
	B>EQUIP 62WG	0.058	LAA	11						
	C>MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
22A	ATRAZINE DF	1.50	LAA	9	0	86	99	99	90	99
	B>OPTION 35WDG	0.033	LAA	11						
	C>DISTINCT 70WG	0.175	LAA	11						
	D>MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
23A	KIH-485 3.57L	0.19	LAA	9	0	88	88	99	82	99
	B>HORNET 68.5WG	0.128	LAA	11						
	C>ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
24A	KIH-485 3.57L	0.19	LAA	9	0	94	99	99	91	99
	B>OPTION 35WDG	0.016	LAA	11						
	C>DISTINCT 70WG	0.13	LAA	11						
	D>MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
	LSD (0.05)				1.92	9.09	7.00	4.13	10.00	8.31
	STANDARD DEVIATION				1.00	4.54	3.48	2.07	5.00	4.15

**TITLE:** Sequential weed control systems in conventional corn AS-200  
**CREATED:** 04/08/2003 **REVISED:** 11/05/2003 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Urbana **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	YIELD
		RATE	UNIT		BU/A 10/07/03
1A	DUAL II MAGNUM	1.59	LAA	9	123.6
2A	DUAL II MAGNUM	1.59	LAA	9	173.2
	B>>CALLISTO 4SC	0.094	LAA	11	
	C>>COC	1.00	PMV	11	
	D 28% UAN	2.50	PMV	11	
3A	DUAL II MAGNUM	1.59	LAA	9	180.7
	B>>CALLISTO 4SC	0.094	LAA	11	
	C ATRAZINE DF	0.25	LAA	11	
	D>>COC	1.00	PMV	11	
	E 28% UAN	2.50	PMV	11	
4A	DUAL II MAGNUM	1.59	LAA	9	187.4
	B>>CALLISTO 4SC	0.094	LAA	11	
	C ATRAZINE DF	1.00	LAA	11	
	D>>COC	1.00	PMV	11	
	E 28% UAN	2.50	PMV	11	
5A	DUAL II MAGNUM	1.59	LAA	9	160.2
	B>>CALLISTO 4SC	0.094	LAA	11	
	C BUCTRIL 2EC	0.047	LAA	11	
	D>>COC	1.00	PMV	11	
	E 28% UAN	2.50	PMV	11	
6A	DUAL II MAGNUM	1.59	LAA	9	181.2
	B>>CALLISTO 4SC	0.094	LAA	11	
	C BUCTRIL 2EC	0.094	LAA	11	
	D>>COC	1.00	PMV	11	
	E 28% UAN	2.50	PMV	11	
7A	CHECK	0.00	NA	0	79.2
8A	DUAL II MAGNUM	1.59	LAA	9	165.1
	B>>CALLISTO 4SC	0.094	LAA	11	
	C SENCOR 75WG	0.141	LAA	11	
	D>>ACTIVATOR 90	0.25	PMV	11	
	E 28% UAN	2.50	PMV	11	
9A	DUAL II MAGNUM	1.59	LAA	9	183.8
	B>>CALLISTO 4SC	0.094	LAA	11	
	C BASAGRAN 4SL	0.125	LAA	11	
	D>>COC	1.00	PMV	11	
	E 28% UAN	2.50	PMV	11	
10A	DUAL II MAGNUM	1.59	LAA	9	176.4
	B>>CALLISTO 4SC	0.094	LAA	11	
	C BASAGRAN 4SL	0.25	LAA	11	
	D>>COC	1.00	PMV	11	
	E 28% UAN	2.50	PMV	11	
11A	DUAL II MAGNUM	1.59	LAA	9	179.2
	B>>SPIRIT 57WG	0.036	LAA	11	
	C ATRAZINE DF	1.00	LAA	11	
	D>>COC	1.00	PMV	11	
	E 28% UAN	2.50	PMV	11	
12A	ACCENT 75WG	0.031	LAA	11	141.6
	B>>NORTHSTAR 47.4	0.148	LAA	11	
	C>>ACTIVATOR 90	0.25	PMV	11	
	D 28% UAN	2.50	PMV	11	
13A	CINCH 7.64L	0.96	LAA	9	180.8
	B>>STEADFAST 75DF	0.035	LAA	11	
	C>>CALLISTO 4SC	0.047	LAA	11	
	D>>COC	1.00	PMV	11	
	E 28% UAN	2.50	PMV	11	

TITLE: Sequential weed control systems in conventional corn AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		YIELD BU/A 10/07/03
		RATE	UNIT TM	
14A	CINCH 7.64L	0.96	LAA 9	177.7
	B>STEADFAST 75DF	0.035	LAA 11	
	C>CALLISTO 4SC	0.047	LAA 11	
	D ATRAZINE DF	0.50	LAA 11	
	E>COC	1.00	PMV 11	
	F 28% UAN	2.50	PMV 11	
15A	OUTLOOK 6EC	0.98	LAA 9	187.8
	B>DISTINCT 70WG	0.175	LAA 11	
	C ATRAZINE DF	1.00	LAA 11	
	D>ACTIVATOR 90	0.25	PMV 11	
	E 28% UAN	2.50	PMV 11	
16A	OUTLOOK 6EC	0.98	LAA 9	194.6
	B MARKSMAN SC	1.40	LAA 10	
	C>LIQUID AMS	3.67	PMV 10	
17A	DEGREE 3.8SC	1.97	LAA 9	172.6
	B>YUKON 67.5WG	0.169	LAA 11	
	C>ACTIVATOR 90	0.25	PMV 11	
	D 28% UAN	2.50	PMV 11	
18A	HARNESS (7EC)	1.97	LAA 9	174.8
	B>YUKON 67.5WG	0.169	LAA 11	
	C>ACTIVATOR 90	0.25	PMV 11	
	D 28% UAN	2.50	PMV 11	
19A	DEFINE 60DF	0.375	LAA 9	177.5
	B>OPTION 35WDG	0.033	LAA 11	
	C>DISTINCT 70WG	0.088	LAA 11	
	D>MSO	1.00	PMV 11	
	E 28% UAN	2.50	PMV 11	
20A	DEFINE 60DF	0.68	LAA 9	172.1
	B BUCTRIL+ATRA	0.75	LAA 11	
	C>COC	1.00	PMV 11	
21A	BALANCE PRO 4S	0.07	LAA 9	170.5
	B>EQUIP 62WG	0.058	LAA 11	
	C>MSO	1.00	PMV 11	
	D 28% UAN	2.50	PMV 11	
22A	ATRAZINE DF	1.50	LAA 9	176.5
	B>OPTION 35WDG	0.033	LAA 11	
	C>DISTINCT 70WG	0.175	LAA 11	
	D>MSO	1.00	PMV 11	
	E 28% UAN	2.50	PMV 11	
23A	KIH-485 3.57L	0.19	LAA 9	185.4
	B>HORNET 68.5WG	0.128	LAA 11	
	C>ACTIVATOR 90	0.25	PMV 11	
	D 28% UAN	2.50	PMV 11	
24A	KIH-485 3.57L	0.19	LAA 9	184.6
	B>OPTION 35WDG	0.016	LAA 11	
	C>DISTINCT 70WG	0.13	LAA 11	
	D>MSO	1.00	PMV 11	
	E 28% UAN	2.50	PMV 11	
		LSD (0.05)		24.38
		STANDARD DEVIATION		12.19

>> = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
 09 = ----- / PREEMERGENCE 04/23/2003 (1)  
 10 = ----- / VEPOST 05/13/2003 (2)  
 11 = ----- / EPOST 06/02/2003 (3)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	CON %	05/19/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Sequential weed control systems in conventional corn AS-200

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
002	SETFA	CON %	05/19/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/19/2003	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	05/19/2003	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	05/19/2003	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	POLPY	CON %	05/19/2003	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	06/12/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/12/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	06/12/2003	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ABUTH	CON %	06/12/2003	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	PHBPU	CON %	06/12/2003	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	POLPY	CON %	06/12/2003	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ZEAMD	CON %	07/03/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	07/03/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	07/03/2003	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ABUTH	CON %	07/03/2003	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	PHBPU	CON %	07/03/2003	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	POLPY	CON %	07/03/2003	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	YIELD	BU/A	10/07/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 33Y09